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DSC-W610/B

Capture superb picture quality with ease. Its 14.1MP sensor, 4X optical zoom, and Sweep Panorama™ mode allow you to create breathtaking images. With Face Detection, Smile Shutter™ technology, Soft Skin, and iAuto modes, it's simple to capture perfect portraits.

Bullets

- Take stunning iimages in Sweep Panorama™ mode-up to 360°
- 14.1 megapixel plus a 2.7" LCD screen for easy viewing
- iAuto mode automatically optimizes camera settings
- Face Detection and Smile Shutter™ technologies
- Face Priority and Red-eye Reduction functions
- Soft Skin mode reduces visible blemishes and wrinkles
- iSCN detects 8 scene conditions and adjusts camera settings
- DRO Standard and Plus recovers shadow detail in high contrast scenes
- Self-Portrait Timer makes self-portraits easy

Features

Sweep Panorama™ mode (up to 360°)

Reach beyond the traditional wide angle lens, and capture more breathtaking shots with Sweep Panorama™ mode. Simply press the shutter button and sweep the camera in the desired direction and the camera continuously shoots at a high speed, then seamlessly stitches the images together with automatic position adjustment to create one stunning panoramic image. Available in wide and up to 360° full circle, the camera can take a variety of panoramic shots. Now capturing wide landscapes is as easy as press and sweep.

14.1 Megapixel Super HAD™ CCD Image Sensor

A powerful 14.1 megapixel1/2.3" Super HAD™ CCD image sensor helps you capture gorgeous images with superb contrast and clarity down to the finest detail. With 14.1 megapixels, you can create stunning, photo-quality prints up to A3+ (13x19") size, or crop your images and still come away with high resolution shots.

2.7" (230K dots) Clear Photo™ LCD display

Generous 2.7" (230K dots) Clear Photo™ LCD display
features sharp, natural color that makes it easy to compose shots, read menus, and view photos, even in bright sunlight.

Intelligent Auto Mode

Unlike traditional auto mode, Intelligent Auto (iAuto) mode thinks for you, recognizing scenes, lighting conditions, faces, and adjusts settings resulting in clear images, faces with natural skin tone and less blur. Take advantage of all the technology without leaving Auto mode. Kids on the playground, landscape shots, a beautiful flower or an indoor birthday party; all result in clear images without leaving auto mode.

Face Detection technology

Face Detection technology detects up to eight individual faces and adjusts focus, exposure, and white balance to help deliver crisp, properly lit images of family and friends.

Smile Shutter™ technology

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Smile Shutter™ technology captures a smile the moment it happens. Simply press the Smile Shutter™ button and the camera does the rest. You can also select adult and child priority and indicate the degree of Smile Detection sensitivity. Intelligent Scene Recognition can now be used together with Smile Shutter™ mode when the Intelligent Auto mode is on. This means that beautiful smiles can be captured with settings optimized for the particular scene, even in difficult conditions such as twilight and backlighting.

Soft Skin mode

Portrait subjects will love the results. Soft Skin mode recognizes skin tones and reduces the appearance of blemishes and wrinkles without affecting the rest of the shot.

Intelligent Scene Recognition (iSCN) Mode

Intelligent Scene Recognition (iSCN) Mode automatically detects seven different types of scenes and, within just 1/30th of a second, selects the appropriate camera settings: Backlight, Backlight Portrait, Twilight, Twilight Portrait, Twilight using a tripod, Portrait, Landscape and macro. iSCN has two modes: Auto and Advanced. In Auto Mode, the camera takes a single shot using the optimal settings. In Advanced Mode, the camera takes a photo with the optimal settings and, if in difficult lighting (low light or back light) immediately takes a second photo with another optimized setting so you can choose which to keep.

Dynamic Range Optimizer

Dynamic Range Optimizer (DRO) Standard and Plus uses a sophisticated algorithm to help recover shadows and highlights. The result is more natural images with clearer details that more closely match what your naked eye sees. DRO is particularly effective when shooting backlit portraits or any scene with a dramatic contrast between background and foreground lighting. DRO Plus allows for even greater optimization by analyzing each region of an image and performing additional image processing.

Self-Portrait Timer

Self-Portrait Timer helps take the guesswork out of self-portraits by utilizing Face Detection technology to recognize when your face enters the frame. Once the camera detects your face, it triggers a 2-second timer, and then snaps a picture.

Specifications

Camera	
Camera Type	Compact zoom digital camera
Imaging Sensor	
Imaging Sensor	1/2.3" Super HAD CCD Sensor
Pixel Gross	14.5MP
Effective Picture Resolution	14.1MP
Color Filter System	RGB primary color filters
Recording	
Media Type	optional "Memory Stick Duo" (No movie recording), optional "Memory Stick PRO Duo" (Mark 2 only for movie recording), optional "Memory Stick PRO-HG Duo", optional SD Memory Card (Class 4 or higher), optional SDHC Memory Card (Class 4 or higher), optional SDXC Memory Card (Class 4 or higher)
Still Image Mode	JPEG
Still Image Max Effective Resolution	Approx. 14.1 Megapixels
Still Image Size 16:9	
Still Image Size 4:3	14M(4,320 x 3,240) / 10M(3,648 x 2,736) / 5M(2,592 x 1,944) / VGA
Panorama Still Image Size	360(1,1520 x 1,080) / Wide(7,152 x 1,080/4,912 x 1,920) / Standard(4,912 x 1,080/3,424 x 1,920)
Video Format	AVI(Motion JPEG)
Video Mode	VGA(640 x 480/30fps)/
Microphone/ Speaker	Mono/mono
Optics/Lens	
Lens Type	Sony
Optical Zoom	4x
Focal Length (35mm equivalent)	Still 16:9: 28-114mm / Still 4:3: 26-105mm /Movie 4:3: 26-105mm
Lens Construction	6 elements in 5 groups (including 3 aspheric elements)
Minimum Focus Distance	
Aspheric Elements	3
Viewfinder	
Type	None
LCD Display	
LCD Type	2.7" Clear Photo™ LCD (230K dots)
Brightness Control	Normal / Bright
Focus Control	
AF Modes	Multi Point AF / Center Weighted AF / Spot AF
Exposure System	
Metering Modes	Multi Pattern / Center Weighted / Spot
Exposure Compensation	Plus / Minus 2.0EV, 1 / 3EV step

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Scene Mode(s)	High Sensitivity / Soft snap / Landscape / Night Portrait / Night Scene / Gourmet / Beach / Snow / Pet mode / SteadyShot
D-Range Optimizer	Standard / Plus / Off
ISO	Auto / 80/ 100 / 200 / 400 / 800 / 1600 / 3200
White Balance Mode	Auto (Intelligent) / Daylight / Cloudy / Fluorescent 1 (White Fluorescent Lighting) / Fluorescent 2 (Natural White Fluorescent Lighting) / Fluorescent 3 (Day White Fluorescent Lighting) / Incandescent / Flash

Drive System

Self-timer	Off / 10sec. / 2sec. / portrait1 / portrait2
Shutter Speeds	iAuto(1/8 - 1/1,600) / Program Auto(1" - 1/1,600)
Burst Mode	Approx 1 fps at 14.1MP (Maximum 100 shots)

Flash

Flash Modes	Auto / Flash On / Slow Synchro / Flash Off
Flash Coverage	ISO Auto: Approx.0.3m to 3.5m(0.98 inches to 11.48 inches)(W) / Approx.0.6m to 1.8 m(1feet 1.96 inches to 5.91 inches)(T), ISO3200: up to Approx.7.1 m(23.3 inches)(W) / Approx.3.7 m(12.1 inches)(T)

Convenience Features

Red-Eye Reduction	Auto / On / Off
Erase/Protect	Erase: Single / Select / Folder, Protect: Single / Select

Advanced Features

Sweep Panorama	Sweep Panorama / Sweep Panorama (360)
Smile Shutter™ technology	Yes
Image Stabilization	SteadyShot™ Image Stabilization
In-Camera Editing	Trimming / Red Eye Correction

Interface

Memory Card Slot	MS Duo and SD/ SDHC/SDXC Compatible
SD Output	Yes
USB Port(s)	Multi (AV/USB), Hi-Speed USB (USB2.0)

Dimensions (Approx.)

Dimensions (Approx.)	W x H x D: 3 3/4" x 2 1/8" x 25/32" (92.9mm x 52.4mm x 19.3mm)

Weights and Measurements

Weight (Approx.)	4.0 oz. (113g)
Weight(Approx) (Main unit only)	3.4 oz. (97g)

Power

Battery Type	LITHIUM ION NP-BN 3.6V
Battery Capacity	typical: 2.3Wh (630mAh), minimum: 2.2Wh (600mAh)
Number of Still Images	typical: 2.3Wh (630mAh), minimum: 2.2Wh (600mAh)
Power Consumption (in Operation)	Approx. 1.0W
Power Requirements	AC 100V to 240V, 50/60 Hz, 2W

Accessories

Supplied Accessories	Battery (NP-BN) Battery Charger Multi USB Cable Wrist Strap Instruction Manual

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